A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended November 30, 1984 NO. 48

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/30/84	Last Week Ending: 11/23/84	Last Year Week Ending: 12/02/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,382	12,230	12,373	152	9
Operable capacity	16,074	16,074	16,309	0	-235
Percent operated	77.0	76.1	75.9		
Motor Gasoline					
Total motor gasoline production	6,763	6,618	6,698	145	65
Finished leaded motor gasoline production	2,632	2,614	2,993	18	-361
Finished unleaded motor gasoline production	4,131	4,004	3,705	127	426
Total motor gasoline stocks	243,133	234,267	236,697	8,866	6,436
Finished leaded motor gasoline stocks	89,098	86,845	96,239	2,253	-7,141
Finished unleaded motor gasoline stocks	111,761	107,276	99,899	4,485	11,862
Distillate Fuel Oil					
Distillate fuel oil production	2,938	2,707	2,801	231	137
Distillate fuel oil stocks	160,707	157,018	165,581	3,689	-4,874
Residual Fuel Oil					
Residual fuel oil production	895	988	835	-93	60
Residual fuel oil stocks	50,721	50,774	53,876	-53	-3,155
Imports					
Crude oil imports	3,696	2,773	3,422	923	274
Product imports	1,832	1,926	1,759	-94	73
Crude Oil Stocks					
Crude oil stocks	342,093	349,036	347,814	-6,943	-5,721

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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STATISTICS DEPARTMENT
VOL. 65 For Week Ended November 30, 1984 NO. 48

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,161	1,087	1,097	1,405	78.1
Appal. No. 1	102	95	95	115	82.6
DISTRICT 1 TOTAL	1,263	1,182	1,192	1,520	78.4
Appal. No. 2	75	72	72	66	109.1
Ind., Ill., Ky.	1,939	1,725	1,739	2,309	75.3
Minn., Wis., Daks.	311	296	305	303	100.7
Okla., Kans., Mo.	727	677	688	755	91.1
DISTRICT 2 TOTAL	3,052	2,770	2,804	3,433	81.7
Inland Texas	581	494	510	615	82.9
Texas Gulf Coast	3,190	2,752	2,820	3,837	73.5
La. Gulf Coast	2,147*	2,053*	2,053*	2,562	80.1*
N. La. and Ark.	197	190	193	302	63.9
New Mexico	57	55	55	114	48.2
DISTRICT 3 TOTAL	6,172*	5,544*	5,631*	7,430	75.8*
DISTRICT 4 TOTAL	457	446	449	537	83.6
DISTRICT 5 TOTAL	2,393	2,296	2,306	3,154	73.1
TOTAL U.S.	13,337	12,238	12,382	16,074	77.0
TOTAL U.S.					
Weeks Ended:					
NOV. 23, 1984	13,297*	12,083*	12,230*	16,074	76.1*
DEC. 2, 1983	13,114	12,203	12,373	16,309	75.9
DISTRICTS 1-4					
Weeks Ended:					
NOV. 30, 1984	10,944	9,942	10,076	12,920	78.0
NOV. 23, 1984	10,823*	9,909*	10,042*	12,920	77.7*
DEC. 2, 1983	10,933	10,055	10,247	13,249	77.3

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended November 30, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	561	165	396	3	34	324	50
Appal. No. 1	39	22	17	--	--	28	5
DISTRICT 1 TOTAL	600	187	413	3	34	352	55
Appal. No. 2	42	22	20	3	1	20	2
Ind., Ill., Ky.	1,138	403	735	27	109	421	60
Minn., Wis., Daks.	170	92	78	7	14	81	9
Okla., Kans., Mo.	414	233	181	10	43	173	19
DISTRICT 2 TOTAL	1,764	750	1,014	47	167	695	90
Inland Texas	339	160	179	35	37	128	23
Texas Gulf Coast	1,579	559	1,020	44	217	656	202
La. Gulf Coast	1,062*	420	642*	15	261	496	124
N. La. and Ark.	59	27	32	6	--	62	10
New Mexico	36	20	16	10	1	13	--
DISTRICT 3 TOTAL	3,075*	1,186	1,889*	110	516	1,355	359
DISTRICT 4 TOTAL	228	137	91	12	27	134	11
DISTRICT 5 TOTAL	1,096*	372	724*	48	276	402	380
TOTAL U.S.	6,763	2,632	4,131	220	1,020	2,938	895
TOTAL U.S. Weeks Ended:							
NOV. 23, 1984	6,618*	2,614	4,004*	238	847	2,707	988
DEC. 2, 1983	6,698	2,993	3,705	209	936	2,801	835
DISTRICTS 1-4 Weeks Ended:							
NOV. 30, 1984	5,667	2,260	3,407	172	744	2,536	515
NOV. 23, 1984	5,599*	2,223	3,376*	195	591	2,351	638
DEC. 2, 1983	5,725	2,565	3,160	148	713	2,407	506

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Motor Gasoline: Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	5,824	2,488	3,335	1	110	691	13,023	2,015	--
Central Atlantic	31,437	10,466	15,711	5,260	411	4,888*	43,953*	20,511	12,031
Lower Atlantic	27,865	11,691	15,720	454	230	4,116	16,186	4,339	539
DISTRICT 1 TOTAL	65,126	24,645	34,766	5,715	751	9,695*	73,162*	26,865	12,570
DISTRICT 2 TOTAL	69,165	29,792	31,531	7,842	1,575	9,799	38,503	3,904	18,818
DISTRICT 3 TOTAL	71,545	22,271	31,007	18,267	2,466	12,976	34,000	10,775	48,868
DISTRICT 4 TOTAL	6,788	2,877	2,229	1,682	355	746	3,327	599	2,809
DISTRICT 5 TOTAL	30,509*	9,513*	12,228	8,768	1,568	5,913*	11,715	8,578	24,254
TOTAL U.S.	243,133	89,098	111,761	42,274	6,715	39,129	160,707	50,721	107,319
TOTAL U.S.									
Weeks Ended:									
NOV. 23, 1984	234,267*	86,845*	107,276	40,146	6,786	39,433*	157,018*	50,774	109,904
DEC. 2, 1983	236,697	96,239	99,899	40,559	6,219	36,722	165,581	53,876	108,972
DISTRICTS 1-4									
Weeks Ended:									
NOV. 30, 1984	212,624	79,585	99,533	33,506	5,147	33,216	148,992	42,143	83,065
NOV. 23, 1984	205,462	77,658	96,321	31,483	5,128	33,826*	146,268*	42,308	85,244
DEC. 2, 1983	209,780	86,937	89,511	33,332	4,727	31,318	154,539	44,544	84,158

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No 4 fuel oil

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended November 30, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1984	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
			Daily Average		
DISTRICTS 1-4 TOTAL					
NOV. 30, 1984	5,934.0	5,989.0	3,300	329	263,990
NOV. 23, 1984	5,934.0	--	2,665	161	269,269
NOV. 16, 1984	5,934.0	--	3,630	277	271,277
NOV. 9, 1984	5,934.0	--	3,738	473	271,738
DISTRICT 5 TOTAL					
NOV. 30, 1984	2,896.8	2,824.0	396	--	78,103 ‡
NOV. 23, 1984	2,896.8	--	108	--	79,767
NOV. 16, 1984	2,896.8	--	190	--	79,220
NOV. 9, 1984	2,896.8	--	255	--	72,234
TOTAL U.S.					
NOV. 30, 1984	8,830.8	8,813.0	3,696	329	342,093 ‡
NOV. 23, 1984	8,830.8	--	2,773	161	349,036
NOV. 16, 1984	8,830.8	--	3,820	277	350,497
NOV. 9, 1984	8,830.8	--	3,993	473	343,972
DEC. 2, 1983	8,770.0 /a	--	3,422	391	347,814

‡INCLUDES 23,917 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a - DOE actual for November 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
NOV. 30, 1984	14,933	75,210	159,529	14,318	263,990	78,103 ‡	342,093 ‡
NOV. 23, 1984	14,523	75,218	165,451	14,077	269,269	79,767	349,036
DEC. 2, 1983	15,836	77,181	156,645	13,288	262,950	84,864	347,814

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	26	--	26	--	--	--	--	30	--	--	56
Central Atlantic	234	108	126	50	--	159	326	30	64	38	901
Lower Atlantic	19	9	10	--	4	148	86	--	--	--	257
DISTRICT 1 TOTAL											
NOV. 30, 1984	279	117	162	50	4	307	412	60	64	38	1,214
NOV. 23, 1984	162	49	113	--	10	372	436	24	110	102	1,216
NOV. 16, 1984	276	104	172	12	--	331	449	49	--	169	1,286
NOV. 9, 1984	232	97	135	--	2	287	285	65	--	30	901
DISTRICTS 2-4 TOTAL											
NOV. 30, 1984	12	6	6	--	--	7	96	269	125	49	558
NOV. 23, 1984	17	9	8	--	--	43	38	271	155	110	634
NOV. 16, 1984	48	6	42	--	--	--	106	272	69	158	653
NOV. 9, 1984	22	7	15	--	--	37	79	182	46	127	493
DISTRICT 5 TOTAL											
NOV. 30, 1984	13	6	7	--	--	2	5	23	--	17	60
NOV. 23, 1984	19	8	11	--	3	2	7	24	--	21	76
NOV. 16, 1984	25	10	15	--	--	8	15	29	68	21	166
NOV. 9, 1984	10	--	10	--	--	7	11	12	--	16	56
TOTAL U.S.	304	129	175	50	4	316	513	352	189	104	1,832
TOTAL U.S. Weeks Ended:											
NOV. 23, 1984	198	66	132	--	13	417	481	319	265	233	1,926
NOV. 16, 1984	349	120	229	12	--	339	570	350	137	348	2,105
NOV. 9, 1984	264	104	160	--	2	331	375	259	46	173	1,450
DEC. 2, 1983	218	116	102	--	17	339	754	225	164	42	1,759

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

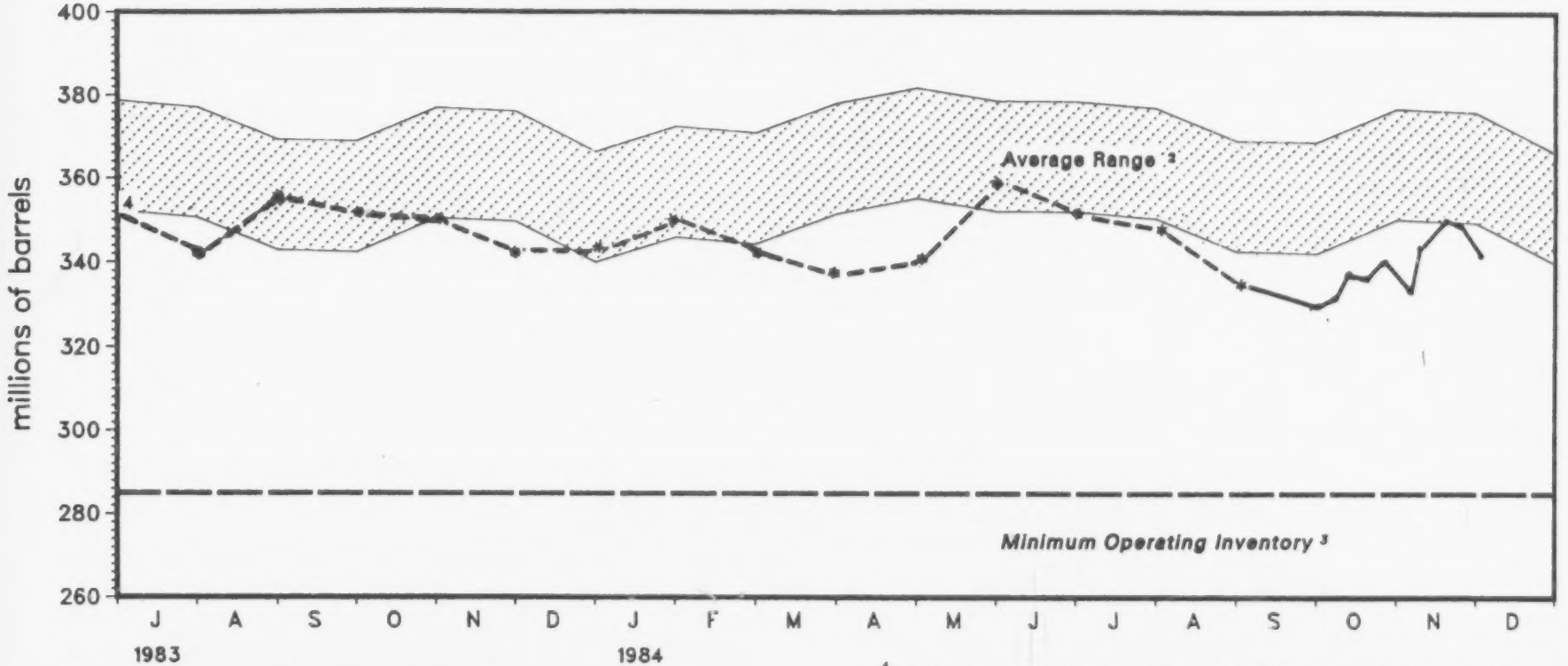
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 30, [illegible]

REVISIONS

11/23/84	PAGE 1	TOTAL REFINERY INPUT	LA. GULF COAST	2,230
			DISTRICT 3 TOTAL	6,139
			TOTAL U.S.	13,297
			DISTRICTS 1-4	10,823
		CRUDE OIL RUNS	LA. GULF COAST	2,054
			DISTRICT 3 TOTAL	5,642
			TOTAL U.S.	12,083
			DISTRICTS 1-4	9,909
		INPUT TO CRUDE OIL	LA. GULF COAST	2,060
			DISTRICT 3 TOTAL	5,719
			TOTAL U.S.	12,230
			DISTRICTS 1-4	10,042
		% OPERABLE	LA. GULF COAST	80.4
			DISTRICT 3 TOTAL	77.0
			TOTAL U.S.	76.1
			DISTRICTS 1-4	77.7
	PAGE 2	TOTAL MGAS	LA. GULF COAST	1,043
			DISTRICT 3 TOTAL	3,023
			DISTRICT 5 TOTAL	1,019
			TOTAL U.S.	6,618
			DISTRICTS 1-4	5,599
		UNLEADED MGAS	LA. GULF COAST	680
			DISTRICT 3 TOTAL	1,906
			DISTRICT 5 TOTAL	628
			TOTAL U.S.	4,004
			DISTRICTS 1-4	3,376
	PAGE 3	TOTAL MGAS	DISTRICT 5 TOTAL	28,805
			TOTAL U.S.	234,267
		LEADED MGAS	DISTRICT 5 TOTAL	9,187
			TOTAL U.S.	86,845
		KEROSINE JET	CENTRAL ATLANTIC	5,082
			DISTRICT 1 TOTAL	9,746
			DISTRICT 5 TOTAL	5,607
			TOTAL U.S.	39,433
			DISTRICTS 1-4	33,826
		DISTILLATE FUEL	CENTRAL ATLANTIC	43,976
			DISTRICT 1 TOTAL	72,103
			TOTAL U.S.	157,018
			DISTRICTS 1-4	146,268

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

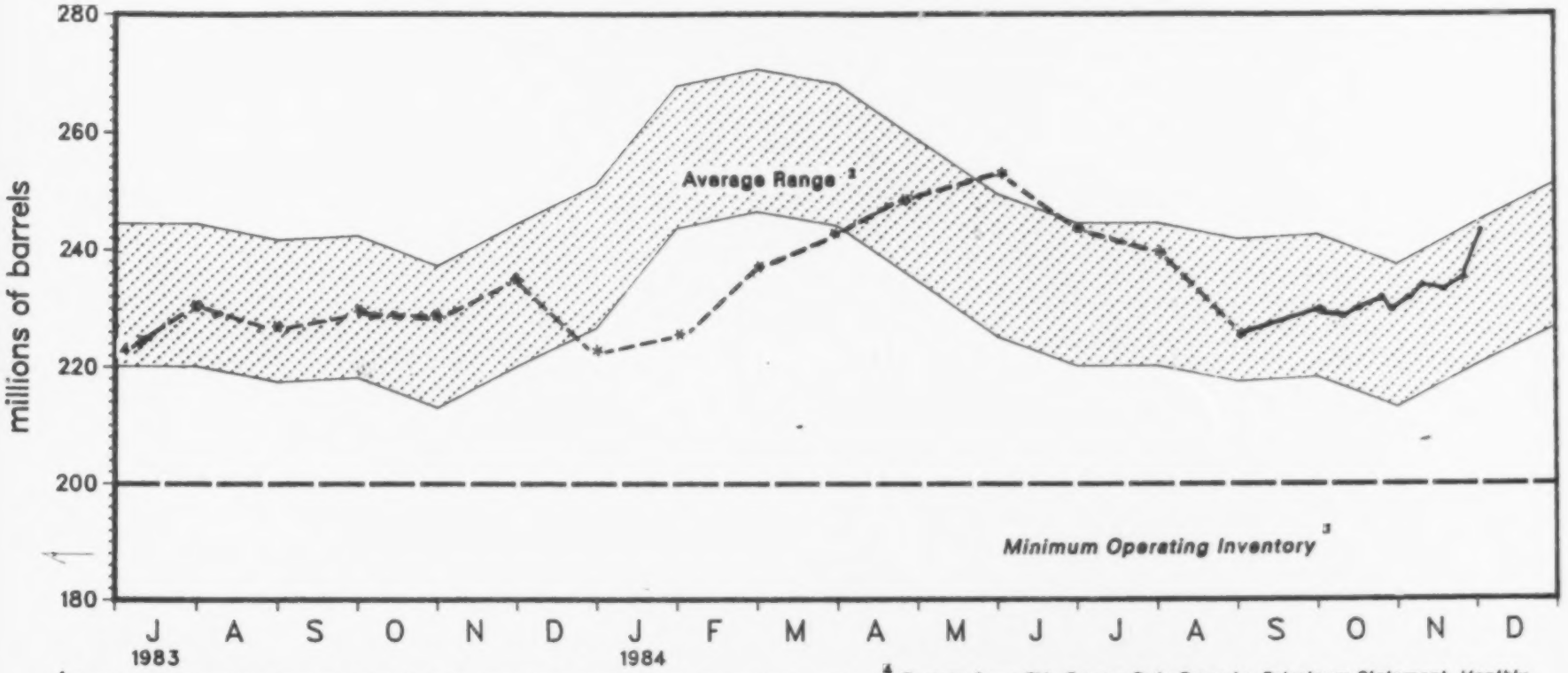
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** — API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Week Ended:November 30, 1984

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

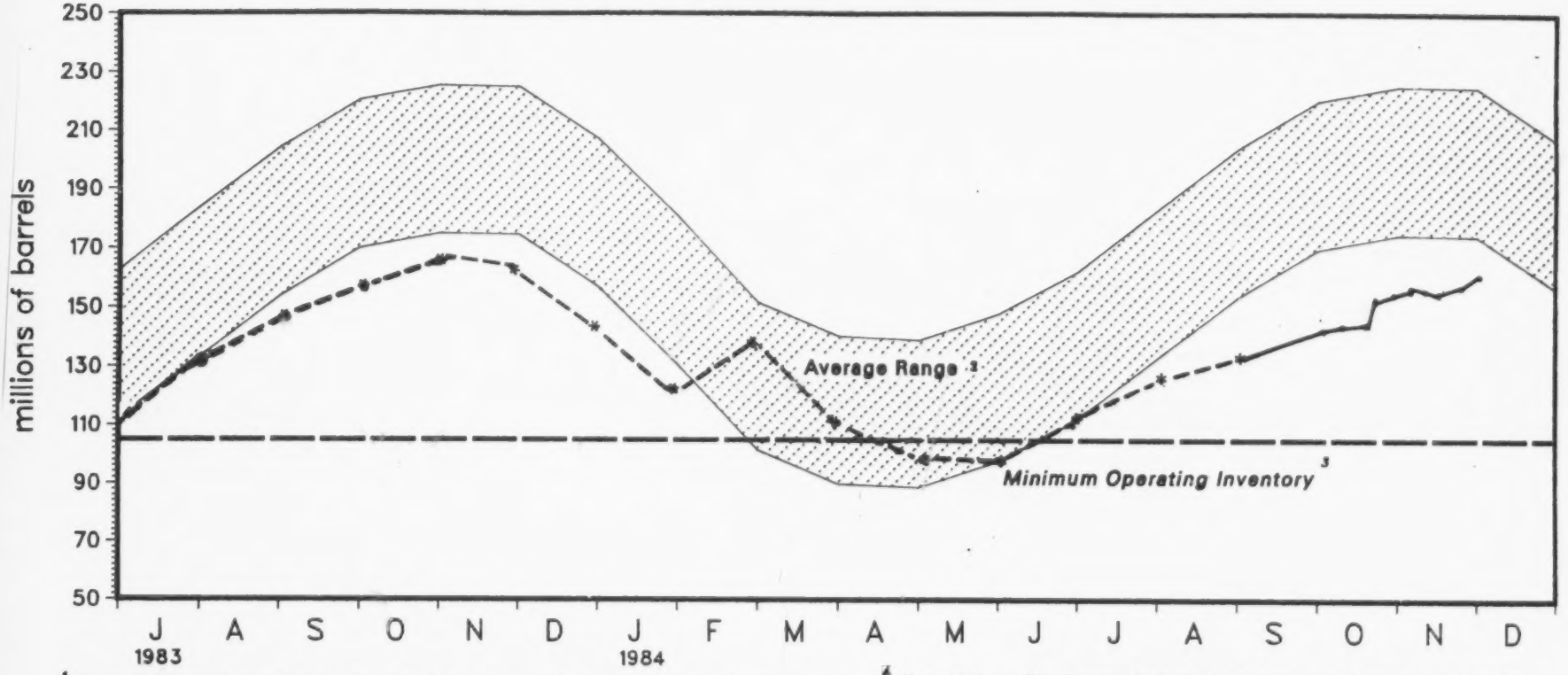
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on six years of monthly data: January 1978 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: • – – EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*